



## QUALCOMM

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22 October 2017

Paolo Usai  
Emmanuelle Wurffel  
ETSI, MCC  
650, route des Lucioles  
Sophia-Antipolis  
France

Subject: Nomination of candidate for the 3GPP TSG SA WG4 Vice Chair

Dear Mr. Usai and Ms. Wurffel:

I am pleased to inform you that Qualcomm, through its ATIS 3GPP affiliation, is nominating Mr. Nikolai Leung as a candidate for the position of 3GPP TSG SA WG4 Vice Chair at the upcoming election in SA4#96.

Mr. Leung is informed about and aware of the antitrust/competition laws and regulations of relevant jurisdictions. He will comply with such laws while acting in his capacity as TSG SA WG4 Vice Chair.

In proposing Mr. Leung for the position of 3GPP TSG SA WG4 Vice-Chair, Qualcomm will fully support Mr. Leung in the vice-chair role. Qualcomm remains fully committed to the success of 3GPP and its diverse ecosystem.

Since 2007, Mr. Leung has been serving as the Head of Qualcomm's Delegation to the SA WG4 meetings. A brief curriculum vitae of Mr. Leung is attached.

Best Regards,

Edward G. Tiedemann, Jr.  
Senior Vice-President, Engineering  
QUALCOMM Technologies, Inc.

## **Nikolai Leung**

Mr. Leung has over 20 years' experience in telecommunications, working with Crystal Semiconductor/Cirrus Logic on wireline communications, then Qualcomm on wireless communications for the past 21 years. Prior to this, he served on the faculty of the University of the Philippines.

His work at Qualcomm initially focused on the development of extensions to the TIA/EIA IS-95 and IS-707 Radio Link Protocol (RLP), MAC, and data/fax protocols which were standardized under the TIA TR 45.5 Subcommittee. With the formation of 3GPP2, Mr. Leung transitioned onto MAC, packet data, and multimedia design and standardization projects for cdma2000, serving in ad-hoc chair and SWG vice-chair positions under the TSG-C group.

In 2007, Mr. Leung began attending 3GPP SA WG4 meetings, focusing initially on video rate adaptation, and then leading the Qualcomm eCall project. He continues to lead the eCall project outside of 3GPP as this public safety service is being implemented and deployed in Europe and other regions of the world. Nikolai also continues to serve as Qualcomm's Head of Delegation for 3GPP SA WG4. He has also served as one of the 3GPP SA WG4 Vice Chairs since 2015, and the MTSI SWG Chair since 2016.

The highest degree that Mr. Leung has received is a Masters Degree in Electrical Engineering Systems from the University of Michigan, where he is also a PhD candidate.